

SERIE XB

XB SERIES

VALORI DI COPPIA TRASMISSIBILE - TRANSMISSIBLE TORQUE VALUES

	XB160	XB180	XB200	XB225	XB250	XB265	XB285	XB315	XB350	XB370*
Tn (KNm)	22	30	43	60	86	105	128	170	240	285
Tf (KNm)	11	15	22	30	43	53	64	85	120	142
Tp (KNm)	16	22	32	44	62	76	92	125	175	205
Tcs (KNm)	28	39	55	78	108	135	166	220	310	370
KL	0.11	0.35	1.03	5.47	19.74	38.36	58	223.2	595.2	1041.6

DIMENSIONI PRINCIPALI - MAIN DIMENSIONS

KL=fattore capacità cuscinetto - bearing capacity factor

TIPO/TYPE		XB160	XB180	XB200	XB225	XB250	XB265	XB285	XB315	XB350	XB390
A	L	740	800	900	1000	1060	1120	1270	1390	1520	1530
	Lv	100	100	120	140	140	140	140	150	150	170
	m [Kg]	65	83	115	152	219	260	311	432	610	804
B	L	480	530	590	640	730	790	840	930	1000	1010
	m [Kg]	44	60	85	110	160	180	226	320	440	590
C	L	380	420	440	500	560	600	640	720	780	860
	m [Kg]	35	48	66	90	130	160	189	270	355	510
D	L	520	580	620	690	760	810	860	970	1030	1120
	m [Kg]	48	65	90	120	173	220	250	355	485	665
E	L	800	850	940	1050	1120	1180	1320	1440	1550	1710
	Lv	100	100	120	140	140	140	150	150	150	170
	m [Kg]	70	92	126	168	238	280	340	472	660	886

DATI TECNICI - TECHNICAL DATA

DIM./SIZE	XB160		XB180		XB200		XB225			XB250			XB265			XB285		XB315		XB350		XB390	
D	160		180		200		225			250			265			285		315		350		390	
βmax [°]	15		15		15		15			15			15			15		15		15		15	
D3xΔ	114x10		127x10.5		146x11.5		159x10.5			180x12.5			194x13.5			203x14.5		219x16.5		245x19		273x21	
Df	160	225	180	225	200	225	250	225	250	285	250	285	315	265	285	315	285	315	315	350	350	390	440
D1 [±0.1]	137	196	155.5	196	170	196	218	196	218	245	218	245	280	233	245	280	245	280	280	310	310	345	385
D2 [H7]	90	105	90	105	90	105		105	125	105	125	130	125	130	125	130	130	155	155	170	170	190	
Lm	95		105		110		125			140	145	150	155	160	165	180		195	200	215			
t	4	5	5		5	6	5	6	7	6	7	8	5	7	8	7	8	8		8		8	
K	16	20	17	20	18	20	25	20	25	27	25	27	32	25	27	32	27	32	32	35	35	40	42
g	6.0	9.0	7.0	9.0	8.0	9.0	12.5	9.0	12.5	15.0	12.5	15.0	12.5	15.0	15.0		15.0	16.0	16.0	18.0	18.0	20.0	
b [e9]	20	32	24	32	28	32	40	32	40		40		40		40		40	50	50	70	70	80	
n	8		8		8		8			8	10	8	10	8	10	10		10		10		16	

XB390	XB410*	XB425*	XB440	XB460*	XB490	XB540*	XB550	XB560	XB620	
340	420	475	535	620	750	1010	1070	1100	1335	Tn (KNm)
170	210	233	270	310	375	500	535	550	667	Tf (KNm)
245	305	335	388	450	540	725	775	790	967	Tp (KNm)
440	545	615	680	800	970	1300	1390	1430	1735	Tcs (KNm)
1488	3532.8	5066.4	6.6x10 ³	10.85x10 ³	1.176x10 ⁴	4.512x10 ⁴	5.072x10 ⁴	5.824x10 ⁴	1.04x10 ⁵	KL

XB440	XB490	XB550	XB620	TIPO/TYPE
1690	1850	2060	2280	L
190	190	240	250	Lv
1122	1468	2154	2830	m [Kg]
1130	1240	1400	1520	L
820	1090	1560	2100	m [Kg]
1040	1160	1220	1360	L
780	970	1330	1865	m [Kg]
1230	1360	1550	1720	L
920	1240	1765	2390	m [Kg]
1880	2050	2310	2540	L
190	190	240	250	Lv
1230	1625	2368	3155	m [Kg]

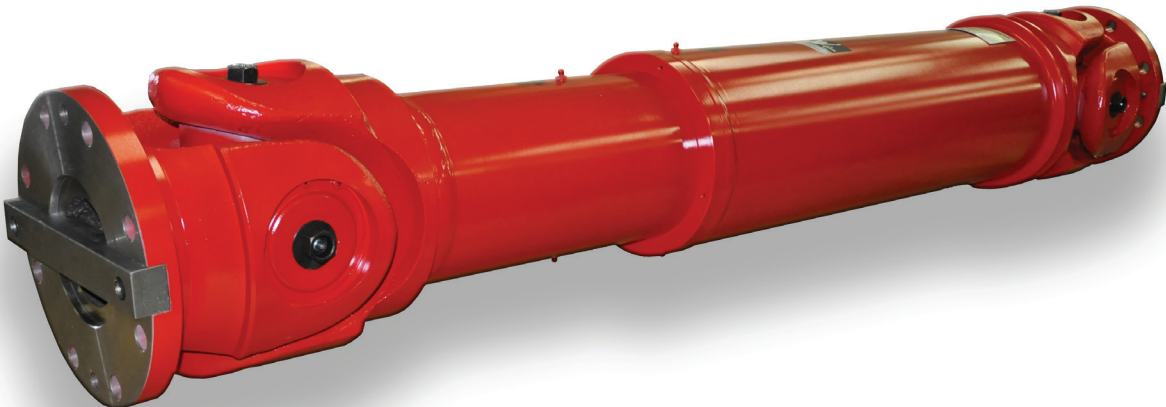
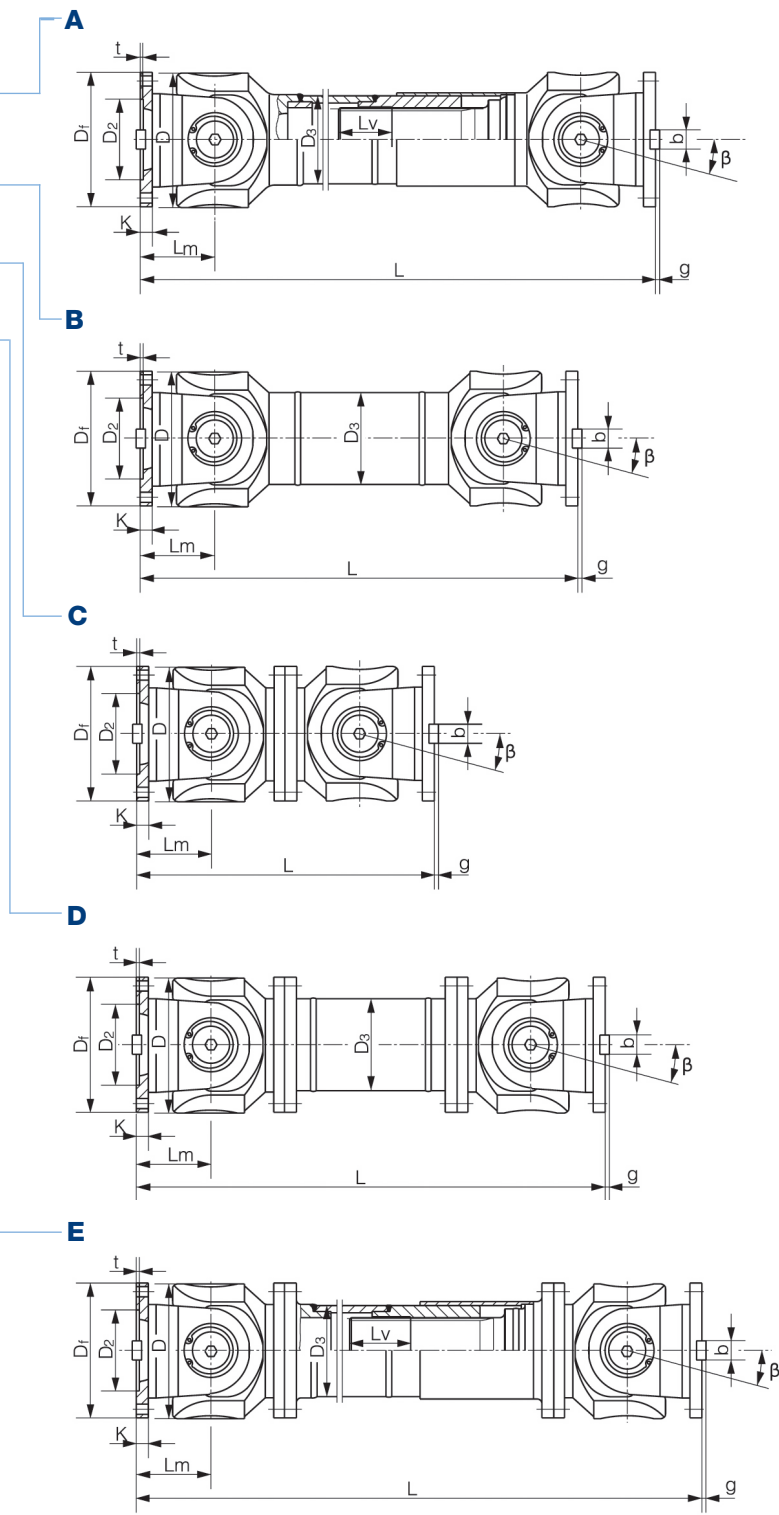
XB440	XB490	XB550	XB620	DIM./SIZE
440	490	550	620	D
15	15	15	15	βmax [°]
325x25		351x30	402x32	D3xΔ
440	490	490	550	Df
385	425	425	492	D1 [±0.1]
190	205	205	250	D2 [H7]
260	265	290	295	Lm
8	12	12	12	t
42	47	47	50	K
20.0	22.5	22.5	22.5	g
80	90	90	100	b [e9]
16	16	16	16	n

- Misure diverse a richiesta
- Different measures on demand

* COSTANTEMENTE ALLA RICERCA DI NUOVE SOLUZIONI ALLE ESIGENZE DELLA PROPRIA CLIENTELA, LA E.P.R. HA SVILUPPATO DELLE TAGLIE INTERMEDIE A QUELLE STANDARD. IN QUESTO MODO, IN FASE DI DIMENSIONAMENTO DI UN CARDANO, ABBIAMO A DISPOSIZIONE UNA GAMMA DI VALORI DI COPPIA PIU' AMPIA.

* COSTANTLY TO THE SEARCH OF NEW SOLUTIONS TO THE DEMANDS OF OUR CLIENTS, WE HAVE DEVELOPED SOME INTERMEDIARY SIZES OF THOSE STANDARDS. IN THIS WAY, WHEN WE HAVE TO SIZING CARDAN SHAFTS, WE HAVE AVAILABLE A LARGER RANGE OF TORQUE VALUES.

TIPO - TYPE



10.1 FLANGE SERIE XB

FLANGES XB SERIES

Tipo
Type

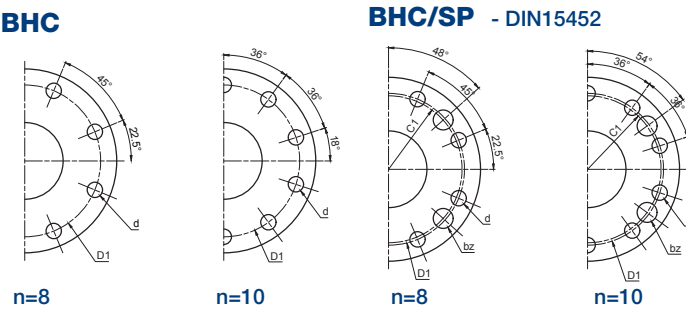
Descrizione
Description

BHC

Flangia Senza Chiavetta
Bolt Hole Connection

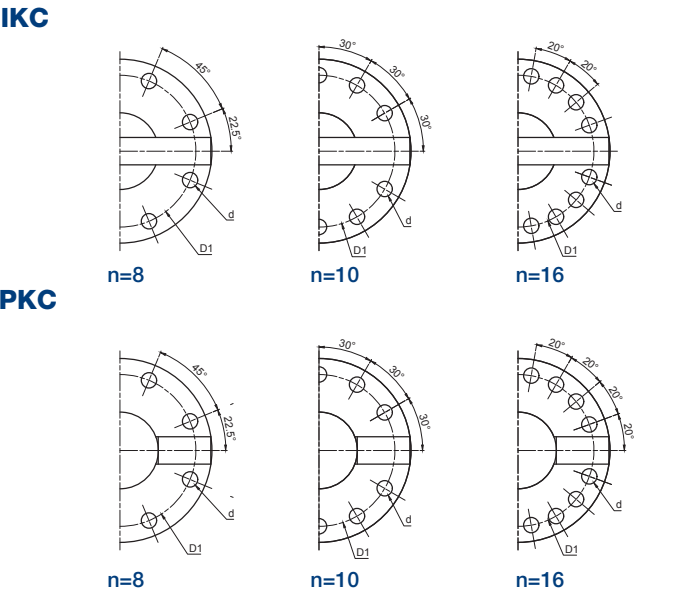
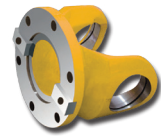


CARATTERISTICHE FLANGE - FLANGES SPECIFICATIONS



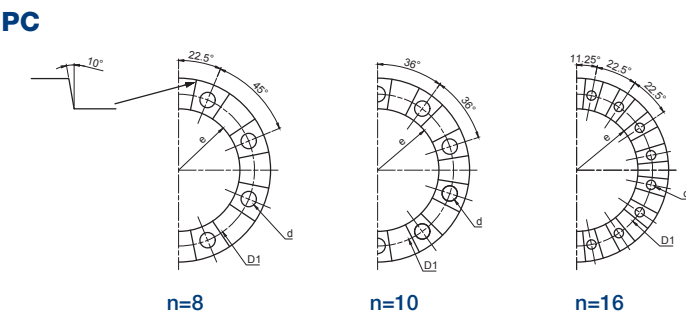
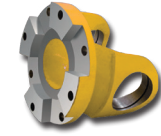
IKC - PKC

Flangia con Chiavetta Intera
Flangia con Chiavetta Parziale
Integral Face Key Connection
Partial Face Key Connection



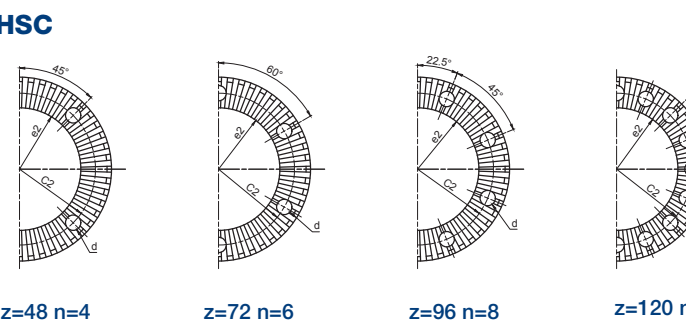
IPC

Flangia con Connessione a Blocchi
Integral Face Pad Connection



HSC

Flangia con Connessione Hirth
Hirth Serration Connection



CARATTERISTICHE FLANGE - FLANGES SPECIFICATIONS

TYPE		IKC - PKC					BHC - BHC/SP				IPC			HSC				
SIZE	Df	D1 [±0.1]	d	b [e9]	g	t	d [C12]	n1	C1	b2 [H12]	e	d	z	C2 [±0.1]	e2	d [C12]	z	n
XB160	160	137	15	20	6.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
	180	155.5	17	32	9.0	5.0	16	4	192	21	165	15	8	196	180	18	48	4
XB180	180	155.5	17	24	7.0	5.0	-	-	-	-	130	13	8	-	-	-	-	-
	225	196	17	32	9.0	5.0	16	4	192	21	165	15	8	196	180	18	48	4
XB200	200	170	17	28	8.0	5.0	-	-	-	-	130	13	8	-	-	-	-	-
	225	196	17	32	9.0	5.0	16	4	192	21	165	15	8	196	180	18	48	4
	250	218	19	40	12.5	6.0	18	4	214	25	185	17	8	218	200	20	48	4
XB225	225	196	17	32	9.0	5.0	16	4	192	21	165	15	8	196	180	18	48	4
	250	218	19	40	12.5	6.0	18	4	214	25	185	17	8	218	200	20	48	4
XB250	250	218	19	40	12.5	6.0	18	4	214	25	185	17	8	218	200	20	48	4
	285	245	21	40	15.0	7.0	20	4	240	28	205	17	8	245	225	21	60	4
	315	280	23	40	15.0	8.0	22	4	270	30	245	19	10	280	250	23	60	4
XB265	265	233	19	40	12.5	5.0	18	4	228	25	200	17	8	-	-	-	-	-
	285	285	21	40	15.0	7.0	20	4	240	28	205	17	8	245	225	21	60	4
	315	280	23	40	15.0	8.0	22	4	270	30	245	19	10	280	250	23	60	4
XB285	285	245	21	40	15.0	7.0	20	4	240	28	205	17	8	245	225	21	60	4
	315	280	23	40	15.0	8.0	22	4	270	30	245	19	10	280	250	23	60	4
XB315	315	280	23	40	15.0	8.0	22	4	270	30	245	19	10	280	250	23	60	4
	350	310	23	50	16.0	8.0	22	4	300	32	270	19	10	310	280	24	72	6
XB350	350	310	23	50	16.0	8.0	22	4	300	32	270	19	10	310	280	25	72	6
	390	345	25	70	18.0	8.0	24	4	340	32	300	21	10	345	315	25	72	6
XB390	390	345	25	70	18.0	8.0	24	4	340	32	300	21	10	345	315	25	72	6
	440	385	28	80	20.0	8.0	27	4	378	35	330	21	16	385	345	28	96	6
XB440	440	385	28	80	20.0	8.0	27	4	378	35	330	21	16	385	345	28	96	6
	490	425	31	90	22.5	12.0	-	-	-	-	360	23	16	425	370	31	96	8
XB490	490	425	31	90	22.5	12.0	-	-	-	-	360	23	16	425	370	31	96	8
	550	492	31	100	22.5	12.0	-	-	-	-	430	23	16	492	440	32	96	8
XB550	550	492	31	100	22.5	12.0	-	-	-	-	430	23	16	492	440	32	96	8
XB620	620	555	38	100	25	12.0	-	-	-	-	490	25	16	575	500	25	120	16

z= numero denti - n= numero fori
z= number of teeth - n= number of holes

